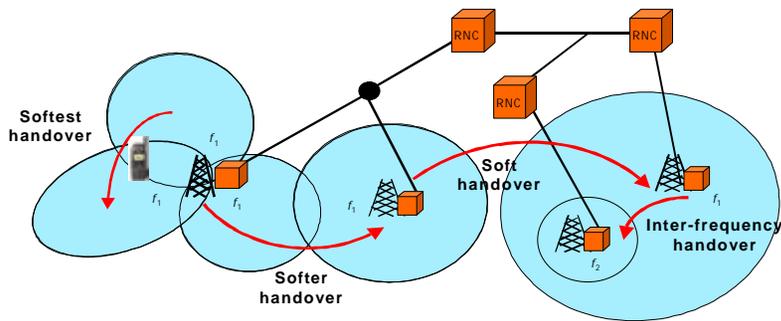


IMT-2000 Evaluation



Objectives

To evaluate various technologies proposed for 3G wireless communication systems, and to contribute to the development of the IMT-2000 standard.

To develop cutting edge technologies to increase the capacity of future cellular communication systems.

To develop advanced techniques for transport of multimedia data in mobile communication systems.

Collaborators/Customers

- Industry Collaborators: **AT&T, Nokia, Nortel, Qualcomm**
- Federal Partners: **FCC, NTIA**
- Standards Groups: **TIA, ATIS T1, ITU**

Planned Products

Testbed for simulation and performance evaluation of third generation wireless technologies for different traffic patterns and over various channel conditions.

New algorithms and techniques to improve the performance of cellular wireless communication systems.

Technical contributions to standards for future mobile communication systems.